

WESEF 2015 SPECIAL AWARDS

Awards Binder 2015

Thanks to the generous donations of our many sponsors, WESEF is able to offer numerous special awards that target special talents in numerous areas of science, engineering and psychology.

Each of the special awards on the pages that follow have specific selection criteria that were identified by the donating sponsor of that award.

Congratulations
to all winners!

American Meteorological Society Award		
Certificates are given to seven projects for their		
Category	School	Name of Winner
Computer Science	Yorktown	Dylan Horowitz
Earth Science	Fox Lane	Michael Sabia
Earth Science	Ossining	James Bowen
Earth Science	John Jay	Noah Sims
Environmental Science	White Plains	Raina Kadavil
Environmental Science	Mamaroneck	Samuel Wertheim
Environmental Science	Pelham	Joseph Liesman & Frankie-Ann McCauley
American Psychological Association Award		
Certificates are given to five students for outstanding research in psychological science		
Category	School	Name of Winner
Behavior	Mamaroneck	Julia Berger-Bailey
Behavior	Horace Greeley	Leyla Brittan
Behavior	John Jay	Elias Chaiken
Behavior	Hastings	Campbell Silverstein
Behavior	Dobbs Ferry	Joseph Rocchio

ASM Materials Education Foundation Award		
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A medallion and certificate is given to five students to recognize the best materials engineering projects.		
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Category	School	Name of Winner
Engineering	Valhalla	Steve Carpenter
Engineering	Westlake	Adam Catto
Engineering	Mamaroneck	Matthew Heaney
Engineering	Edgemont	Kartik Subbana
Engineering	Fox Lane	Alessandro Zanghi

Association of Women Geoscientists Award		
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A certificate will be awarded to three female students whose projects exemplify high standards of innovativeness and scientific excellence in the geosciences.		
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Category	School	Name of Winner
Earth Science	Yorktown	Katie McKeon
Earth Science	Somers	Alyssa Huang
Earth Science	Sleepy Hollow	Catherine Brennan

ASU Walton Sustainability Solutions Initiative		
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<p>Ten students will be awarded a certificate and a nomination to enter for a Grand Prize trip to Arizona for the 2016 Sustainability Solutions Festival for their innovative solutions to sustainability challenges.</p>		
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Category	School	Name of Winner
Computer Science	Ardsley	Jad Chaar
Plant Science	Mamaroneck	Gillian Sweeney
Engineering	Croton Harmon	Sara Spencer
Chemistry	Sleepy Hollow	Thomas Sobolik
Animal Science	Dobbs Ferry	Beckett Morris
Biochemistry	Scarsdale	Sam Goldman
Engineering	Briarcliff	Christopher Fischer
Animal Science	Pelham	Sam Farrell
Environmental Science	Sleepy Hollow	David Friedman
Animal Science	Dobbs Ferry	Olivia Smith

Intel Excellence in Computer Science Award		
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The following five students will each be awarded a certificate and \$200.00 for their excellent work in computer science.		
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Category	School	Name of Winner
Computer Science	Yorktown	Mounica Kamesan
Computer Science	Ossining	Ariel Kanevsky
Computer Science	John Jay	Ashley Cavanagh
Computer Science	Sleepy Hollow	Colin Atkinson
Computer Science	Yorktown	Sreeya Sai

The Scientista Award		
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Awarded to a top female student who demonstrates a promising future in science.		
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Category	School	Name of Winner
Medicine and Health	Ossining	Stephanie Becker

"Excellence in Medical Research" Award donated by the Westchester Academy of Medicine

Awards Binder 2015

We would like to welcome Dr. Lerner to come up to hand out our next award for a certificate and \$25 for projects that help people in the biological and medicine and health categories.		
Category	School	Name of Winner
Biochemistry	Pelham	Sarah Collens
Cell Biology	Yorktown	Kulsoom Chaudhry
Cell Biology	Somers	Manisha Kunala
Cell Biology	Ursuline	Hana Mahallati
Cell Biology	Horace Greeley	Shawn Soneja
Cell Biology	Blind Brook	Ethan Trokie
Cell Biology	Eastchester	Daniel Pollak
Medicine and Health	Mamaroneck	Caroline Aronin
Medicine and Health	Yorktown	Fatima Chaudhry
Medicine and Health	Yorktown	Oleg Demus
Medicine and Health	Yorktown	Darren Lee
Medicine and Health	Eastchester	Clara Lesch
Medicine and Health	Pelham	Jacob Soifer
Medicine and Health	John Jay	Lauren Meltz
Medicine and Health	Horace Greeley	Jacob Horowitz
Medicine and Health	Yorktown	Aaron Licht
Medicine and Health	Yorktown	Tayler Weber
Medicine and Health	Briarcliff	Alexandra Ross

Future of Medicine Award		
Donated by the Westchester Academy of Medicine		
Three projects will win a plaque, \$50 and a celebration dinner.		
Category	School	Name of Winner
Medicine and Health	Pelham	Alice Xue
Medicine and Health	Mamaroneck	Michael Albert
Medicine and Health	Sleepy Hollow	Sara Friedman
The Philips Award for Exceptional Research		
A certificate and \$25 will be given to ten exceptional projects that focus on improving the quality of people's		
Category	School	Name of Winner
Microbiology	Lincoln	Ravenne Reid
Physics and Astronomy	Horace Greeley	Theodore Bisdikian
Physics and Astronomy	Sleepy Hollow	Viktorya Malchanova
Computer Science	Briarcliff	Parker Litchfield
Computer Science	Somers	Christine Gildea & Katherine Corbett
Engineering	Brewster	Katarina Poynor
Biochemistry	White Plains	Rizza Estacio
Behavior	Sleepy Hollow	Cassidy Higgins
Biochemistry	Lakeland	Akshay Ramaswamy

Mu Alpha Theta Award		
The following five students will be awarded a certificate for projects involving the use of mathematics in a challenging, original, thorough and		
Category	School	Name of Winner
Mathematics	Fox Lane	Brian Poor
Mathematics	Briarcliff	Edwin Zhou
Mathematics	Pelham	Brendan Roche
Mathematics	Edgemont	Anubhav Nanavaty
Mathematics	Gorton	Timothy Lin
National Oceanic and Atmospheric Administration's 2015 Taking the Pulse of the Planet Award		
Five students will win a certificate and medallion for research that emphasizes NOAA's mission to understand and predict changes in climate, weather, oceans, and coasts, to share that knowledge and information with others and to conserve and manage coastal and marine ecosystems and resources.		
Category	School	Name of Winner
Plant Science	Dobbs Ferry	Philip Monteiro
Environmental Science	Croton Harmon	Jacy Pare & Jacob Ross
Earth Science	Ossining	James Bowen
Environmental Science	Mamaroneck	Samuel Wertheim

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Earth Science	Ossining	James Bowen
Environmental Science	Mamaroneck	Samuel Wertheim

RICOH America's Corporation		
Sustainable Development Award		
The following five students will receive a certificate for outstanding efforts in addressing issues of environmental responsibility and sustainable development.		
Category	School	Name of Winner
Environmental Science	Scarsdale	Annabelle Stanley
Chemistry	Ossining	Paul Kleiman
Environmental Science	Ursuline	Shannon McKeon
Engineering	White Plains	Matthew Straub
Engineering	Briarcliff	Cole DiNome
Society for In Vitro Biology Award		
The next award is for 11th grade students in recognition of outstanding research in the areas of tissue or cell culture of plants or animals. Five students will receive a certificate.		
Category	School	Name of Winner
Cell Biology	Edgemont	Jesse Chan
Cell Biology	Mamaroneck	William Lovejoy
Biochemistry	Fox Lane	Hudson Molinari
Cell Biology	Sleepy Hollow	Elizabeth Silver
Medicine and Health	Edgemont	Nadia Rivero

Stockholm Junior Water Prize		
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The following fifteen students will receive a certificate plus a nomination to enter the state competition for their work in water preservation, purification or protection.		
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Category	School	Name of Winner
Earth Science	John Jay	Noah Sims
Environmental Science	Pelham	Amanda Morel
Environmental Science	Somers	Emilia Kaczmarkiewicz
Environmental Science	Yorktown	Luke Briccetti
Environmental Science	Hastings	Sarah Markley
Environmental Science	New Rochelle	David Hershkowitz
Environmental Science	Pelham	Matthew Bafutto
Environmental Science	Pelham	Megan Ploch
Environmental Science	Somers	DAscanio, Carlo
Environmental Science	Yorktown	Benjamin Child
Environmental Science	Ardsley	Emily Lakic
Environmental Science	Mamaroneck	Kara Dougherty & Natalie Basta
Environmental Science	Yorktown	Catherine Chung & Jason Toporoff

Office of Naval Research		
A certificate, medallion and \$50 gift card will be given to seven outstanding projects in science, technology, engineering, and/or mathematics.		
Category	School	Name of Winner
Engineering	Somers	John Gorman
Engineering	Ardsley	Philip Lee
Engineering	Briarcliff	Melanie Prinz
Engineering	Briarcliff	Jessica Shaw
Physics and Astronomy	Eastchester	James Silva
Microbiology	Briarcliff	Sydney Wolin
Microbiology	Ossining	Bailey O'Brien

Department of the Air Force		
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A gift package will be given to eight top projects in the following categories: engineering, mathematics, computer science, life science and/or physical science.		
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Category	School	Name of Winner
Cell Biology	New Rochelle	Christina Florakis
Behavior	Fox Lane	Jehan Miah
Medicine and Health	Briarcliff	Shivani Dave
Medicine and Health	Pleasantville	Tucker Coburn
Medicine and Health	New Rochelle	Jake Reifer
Microbiology	Horace Greeley	Emily Nagler
Microbiology	Horace Greeley	Emily Macabee
Behavior	Mahopac	Brianna Furer

US Metric Association Award

Any project displaying a significant amount of quantitative measurement that best uses the SI metric system is eligible for this award. Five students will win a certificate.

Category	School	Name of Winner
Environmental Science	Somers	Dalia Laredo
Environmental Science	Yorktown	Sara Mongno
Environmental Science	Horace Greeley	Nathan Morris
Environmental Science	Sleepy Hollow	Dominique Marchini
Environmental Science	Yorktown	David Li

Surgeon General's Special Science Award

A certificate and medallion will be awarded to five students for outstanding research in the field of health promotion, disease prevention and wellness.

Category	School	Name of Winner
Microbiology	Briarcliff	Harrison Moyle
Cell Biology	Pelham	Daniel Vozza
Cell Biology	Yorktown	Meera Kumanan
Microbiology	Pelham	Whit Johnson & Joseph Nelson

Yale Science and Engineering Association Award		
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Five students in 11th grade will each win a certificate and medallion for their top scores in the categories of Computer Science, Engineering, Physics, and/or Chemistry.		
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Category	School	Name of Winner
Computer Science	Yorktown	Andrew Amini
Computer Science	Ossining	Ahmet Karacar
Chemistry	Fox Lane	Jessica Shah
Engineering	Ardsley	Philip Lee
Engineering	Somers	Adam Circle

The Dr. Samuel Klasburn Behavioral Health Award Sponsored by Four Winds Hospital		
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A plaque and \$50.00 will be awarded to two students with projects in the category of behavior.		
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Category	School	Name of Winner
Behavior	Ossining	Adriel Williams
Behavior	Sleepy Hollow	Isabella Salerni

**The Environmental Perspiration Award
Sponsored by Robert Weireter**

Three environmental projects or engineering projects with an environmental focus will each receive a

Category	School	Name of Winner
Environmental Science	Briarcliff	Patrick Curran
Environmental Science	Blind Brook	Ben Kamfer
Environmental Science	Ossining	Marcus Roman

**Tompkins Mahopac Bank Award Sponsored by the
bank of WESEF: Tompkins Mahopac Bank**

This award goes to the top team projects that exemplify working well together to achieve a goal. A certificate and \$25.00 will be awarded to each team member. Four teams will be recognized.

Category	School	Name of Winner
Environmental Science	Yorktown	Catherine Chung and Jason Toporoff
Medicine and Health	Mamaroneck	Kumar Nambiar and Andrew
Physics and Astronomy	Pelham	Matthew Spana and Alexander Sidgwick
Microbiology	Pelham	Joseph Nelson and Whit Johnson

Cornell University Food Science Award																	
<p>Two students will win \$50.00 each in recognition of research that applies methods from chemistry, biology, nutrition, physiology, biotechnology, and/or engineering to the study of food systems.</p>																	
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Environmental Science	Sleepy Hollow	Griffin Gebler															
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Cornell University Division of Nutritional Science Award																	
<p>This \$50.00 award is given to two students who demonstrated outstanding research in nutritional science.</p>																	
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Medicine and Health	Ursuline	Alexa Diorio															
Chemistry	Eastchester	Anna Hughes															

The Walter Kass Memorial Award for Excellence in Behavioral Science Presented by the Westchester County Psychological Association		
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A plaque and \$50.00 will be awarded to 4 projects for their work in Behavioral Science.		
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Category	School	Name of Winner
Behavior	Horace Greeley	Rebecca Marano
Behavior	White Plains	Allison Jasne
Behavior	Ossining	Scott Berger
Behavior	Dobbs Ferry	Nikolas Greenwald

Diversity Achievement Award		
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This award goes to outstanding projects by minority students. Students will be awarded a certificate and \$50.		
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Category	School	Name of Winner
Environmental Science	Sleepy Hollow	Javiera Morales
Environmental Science	Ossining	Marcus Roman
Biochemistry	Ossining	Sade Tukuru
Engineering	Valhalla	Steve Carpenter

Mianus River Gorge Ecology Award Donated by Mianus River Gorge		
A certificate and \$25 will be awarded to four outstanding projects that study ecosystems.		
Category	School	Name of Winner
Animal Science	Briarcliff	Molly Rickles
Animal Science	Sleepy Hollow	Bethany Christian
Environmental Science	Ossining	Alina Campbell
Environmental Science	John Jay	Jack Durkin
Teatown Young Conservationist Award Sponsored by Teatown Lake Reservation		
This award is given to projects that aim to protect natural habitats and/or ecosystems. Four students will win a certificate and \$50.		
Category	School	Name of Winner
Animal Science	Scarsdale	Signe Forsingdal
Environmental Science	John Jay	Carter Henry
Environmental Science	Croton Harmon	Jacob Ross and Jacy Pare
Teatown Young Naturalist Award Sponsored by Teatown Lake Reservation		
This award is given to projects that study animals in their natural surroundings. Two students will win a certificate and \$50.		
Category	School	Name of Winner
Animal Science	Mamaroneck	Noah Davis
Animal Science	Ossining	Jennifer Meikle

Fisher Scientific Award Sponsored by Fisher Scientific		

This award is given to outstanding projects in the area of behavioral sciences (human or animal). Eight projects will receive \$25.

Category	School	Name of Winner
Behavior	Sleepy Hollow	Katherine Kachnowski
Behavior	Hastings	Ava Dishian
Behavior	Harrison	Jannat Iftikhar
Behavior	Lincoln	Ivette Peralta and Jhoan Velasque
Behavior	Sleepy Hollow	Sonya Smith
Animal Science	Sleepy Hollow	Caroline Murphy
Animal Science	John Jay	Lauren Latham

George Yancopoulos Young Scientist Award

Sponsored by Regeneron Pharmaceuticals

A plaque, \$250 and a tour of Regeneron will be awarded to student investigators whose passion for science may lead to the development of novel technologies or biological insights.		
Category	School	Name of Winner
Animal Science	White Plains	Hannah Malcomson
Biochemistry	Ossining	Juliet Ivanov